

Curriculum Vitae

Giorgos Flouris

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PERSONAL INFORMATION

Date of Birth: March 31, 1976
Place of Birth: Athens, Greece
Citizenship: Greek
Marital Status: Single
Military Duties: Completed, in the Greek Army (May 26, 1997 – November 26, 1998)

CONTACT INFORMATION

Work

Postal Address: Foundation for Research and Technology – Hellas (FO.R.T.H.)
Institute of Computer Science (I.C.S.)
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CURRENT POSITION

Researcher-Analyst at the Foundation for Research and Technology – Hellas (FO.R.T.H.),
Institute of Computer Science (I.C.S.), Information Systems Laboratory (I.S.L.).

RESEARCH INTERESTS

- Belief Revision
- Knowledge Representation and Reasoning
- Ontology Evolution
- Semantic Web
- Digital Preservation

RESEARCH PROJECTS

Current Projects

PlanetData: This project aims to establish an interdisciplinary, sustainable European community of researchers, helping organizations to expose their data on the Web in a useful way (NoE, FP7-ICT-2009-5, 2010-2014).
Full Project Name: PlanetData
Role(s) in Project: Principal Researcher
Main Involvement: WP2 (Quality Assessment and Context)
WP3 (Provenance and Access Policies)

WP7 (Dissemination and Community Building)

APARSEN: This project aims to bring together interested organizations and researchers in order to bring coherence, cohesion and continuity to research into barriers to the long-term accessibility and usability of digital information and data (NoE, FP7-ICT-2009-4.1, 2011-2014).

Full Project Name: Alliance for Permanent Access to the Records of Science

Role(s) in Project: Researcher

Main Involvement: WP24 (Authenticity and Provenance)

Past Projects

KP-Lab: This project aims to facilitate innovative practices of working with knowledge in education and workplaces, using emerging technologies, such as the Semantic Web (IP, FP6-2004-IST-4, 2006-2010)

Full Project Name: Knowledge Practices Laboratory

Role(s) in Project: Researcher, WP-leader

Main Involvement: WP4 (Technology Framework for KP-Lab)
WP5 (Semantic Web Knowledge Middleware), leader
WP6 (Semantic Applications for Knowledge Practices)

CASPAR: This project aims to build a pioneering framework to support the end-to-end preservation “lifecycle” for scientific, artistic and cultural information, based on existing and emerging standards (IP, FP6-2005-IST-5, 2006-2009).

Full Project Name: Cultural, Artistic and Scientific knowledge for Preservation, Access and Retrieval

Role(s) in Project: Researcher

Main Involvement: WP2300 (OAIS-based Access)

Proposals Under Evaluation or Preparation

D4T: The objective of this proposal is to design and develop a scalable data-intensive forecasting framework to manage vast amounts of complex data over time and deliver timely an accurate and effective decision support (IP, FP7-ICT-2011-8).

Full Project Name: Dynamic integration of disparate and dispersed data for extraction of information for timely, trustworthy, and traceable situation awareness and decision support

Role(s) in Project: Researcher

In cooperation with Vassilis Christophides. Under evaluation.

MRHE: The objective of the proposal is the theoretical founding of formalisms of knowledge representation, belief revision and defeasible reasoning, in order to be used in complex, dynamic and evolving application scenarios (“Slovak-Greece Research and Development Cooperation” initiative).

Full Project Name: Multi-context Reasoning in Heterogeneous Environments

Role(s) in Project: Researcher

In cooperation with Grigoris Antoniou. Under evaluation.

PEITHO: The objective of this proposal is to develop a formal, logic-based framework for computational persuasion (STREP, FP7-ICT-2011.9.1).

Full Project Name: A Logic-Based Persuasion Framework

Role(s) in Project: Principal Researcher

In cooperation with Dimitris Plexousakis. In preparation.

ReasonERA: The objective of this proposal is to improve current practice in the processing of digital information by using parallel high-performance computing to allow large-scale reasoning to be applied to data from different sources (STREP).

Full Project Name: Reasoning-enabled Advanced Infrastructure
Role(s) in Project: Researcher
In cooperation with Dimitris Plexousakis. In preparation.
StarChild: This proposal will address issues related to the general problem of digital preservation.
Full Project Name: StarChild
Role(s) in Project: Researcher
In cooperation with Yannis Tzitzikas. In preparation.

EDUCATION

2001-2006: PhD Student, Computer Science Department, University of Crete
Topic: "On Belief Change and Ontology Evolution"
Supervisor: Associate Professor Dimitris Plexousakis
Scientific Area: Information Systems
1999-2001: MSc Student, Computer Science Department, University of Crete
Topic: "Belief Change in Knowledge Bases"
Supervisor: Assistant Professor Dimitris Plexousakis
Scientific Areas: Information Systems
Algorithms and Systems Analysis
1993-1998: BSc in Mathematics, National and Kapodistrian University of Athens
Entered 8th among 225 students

HONORS, AWARDS AND SCHOLARSHIPS

2009: Best Student Paper Award (with Vicky Papavassiliou, Irimi Fundulaki, Dimitris Kotzinos and Vassilis Christophides) at the 8th International Semantic Web Conference (ISWC-09)
2006-2007: "Alain Bensoussan" Post-Doctoral Fellowship, by ERCIM
2006: Best Paper Award (with Dimitris Plexousakis and Grigoris Antoniou) at the 3rd European Starting AI Researcher Symposium (STAIRS-06), by IOS Press
2005-2006: Scholarship for Further Education and Specialization, by FORTH-ICS
2004-2005: "Manasaki" Fellowship, by the University of Crete
2000-2005: Student/Researcher Scholarship, by FORTH-ICS
1999-2000: Orientation Scholarship, by the University of Crete
1994-1997: "Papadaki" Fellowship, by the Hellenic Foundation of Scholarships

RESEARCH EXPERIENCE

2007-today: Researcher-Analyst at the Foundation for Research and Technology – Hellas (FO.R.T.H.), Institute of Computer Science (I.C.S.), Information Systems Laboratory (I.S.L.)
2006-2007: Post-Doctoral Fellow at the Consiglio Nazionale delle Ricerche (C.N.R.), Istituto della Scienza e delle Tecnologie della Informazione (I.S.T.I.)
2006: Affiliated Research Scientist at the Foundation for Research and Technology – Hellas (FO.R.T.H.), Institute of Computer Science (I.C.S.)

STUDENT SUPERVISION

2011-today: Vassilis Papakonstantinou (MSc Student), co-supervised with Irimi Fundulaki. Topic of master thesis (tentative): "Abstract Access Control for RDF/S Graphs".
2010-today: Ilias Tachmazidis (MSc Student), co-supervised with Grigoris Antoniou. Topic of master thesis (tentative): "Large Scale Non-Monotonic Reasoning".
2008-2010: Yannis Roussakis (MSc Student), co-supervised with Vassilis Christophides. Topic of master thesis: "Personalizing Declarative Repairing Policies for Curated KBs".

- 2008-2009: Vicky Papavassiliou (MSc Student), co-supervised with Irimi Fundulaki and Vassilis Christophides. Topic of master thesis: “On Detecting Deterministically High-level Changes for RDF/S Knowledge Bases”.
- 2007-2008: Panagiotis Pediaditis (MSc Student), co-supervised with Irimi Fundulaki and Vassilis Christophides. Topic of master thesis: “Querying and Updating RDF/S Named Graphs”.
- 2006-2008: George Konstantinidis (MSc Student), co-supervised with Vassilis Christophides and Grigoris Antoniou. Topic of master thesis: “Belief Change in Semantic Web Environments”.

WORK AND TEACHING EXPERIENCE

- 1999-2006: Teaching Assistant in several courses related to Data Structures, Discrete Mathematics, Logic, Database Theory, Algorithms and Complexity, Information Systems, Information Modeling and Computation Theory in the Computer Science Department, University of Crete
- 1998-1999: Programmer at Intertrust Mutual Fund Management Company SA, where my principal duties were the development of client-server applications in Visual Basic and SQL and the maintenance of the company’s web site

ORGANIZATIONAL ACTIVITIES

Organizational and Editorial Activities

- The 4th International Workshop on Ontology Dynamics (IWOD-10) – co-chair
- The 3rd International Workshop on Ontology Dynamics (IWOD-09) – organizing committee member
- Journal of Logic and Computation (JLC), Special Issue on Recent Advances in Ontology Dynamics, 19(5), October 2009 – guest editor
- The 2nd International Workshop on Ontology Dynamics (IWOD-08) – organizing committee member
- The 1st International Workshop on Ontology Dynamics (IWOD-07) – co-chair

Committees

- Member of the Steering Committee of the Joint Workshop on Knowledge Evolution and Ontology Dynamics 2011 (EvoDyn-11)
- Member of the Steering Committee of the International Workshop on Ontology Dynamics (IWOD) series

Program Committee Member and Journal Review Committees

- The 14th International Workshop on Non-Monotonic Reasoning (NMR-12)
- The 9th Extended Semantic Web Conference (ESWC-12)
- International Journal on Knowledge and Information Systems (KAIS)
- The Journal of Web Semantics (JWS)
- The Joint Workshop on Knowledge Evolution and Ontology Dynamics 2011 (EvoDyn-11)
- The International Journal on Semantic Web and Information Systems (IJSWIS)
- The Journal of Web Semantics (JWS) – Special Issue on Reasoning with Context in the Semantic Web
- The Poster Session of the 8th Extended Semantic Web Conference (ESWC-11)
- The PhD Symposium of the 8th Extended Semantic Web Conference (ESWC-11)
- The Journal of Web Semantics (JWS) – Special Issue on Semantic Web Dynamics
- The Doctoral Consortium of the 9th International Semantic Web Conference (ISWC-10)
- The 4th International Conference on Web Reasoning and Rule Systems (RR-10)
- The 2nd Workshop on Automated Reasoning about Context and Ontology Evolution (ARCOE-10)
- Information Sciences Journal

- The 7th Extended (former European) Semantic Web Conference (ESWC-10) – Ontologies and Reasoning Track
- Chapter reviewer for book: “Knowledge-Driven Multimedia Information Extraction and Ontology Evolution”, edited by George Paliouras, Constantine Spyropoulos and George Tsatsaronis.
- The 3rd International Workshop on Ontology Dynamics (IWOD-09)
- The 1st International Workshop on the Role of Semantic Web in Provenance Management (SWPM-09)
- Data and Knowledge Engineering Journal (DKE)
- The 3rd International Workshop on Ontology Dynamics (IWOD-09)
- The 6th European Semantic Web Conference (ESWC-09)
- International Journal of Semantic Web and Information Systems (IJSWIS), Special Issue on Scalability and Performance of Semantic Web Systems
- Expert Systems
- The 2nd International Workshop on Ontology Dynamics (IWOD-08)
- The Demo Session of the 5th European Semantic Web Conference (ESWC-08)
- The 5th European Semantic Web Conference (ESWC-08)
- The Workshop on Ontology Evolution (OnE-07)

External Reviewer – Partial List

- The International Journal on Artificial Intelligence Tools (IJAIT)
- The 8th Extended Semantic Web Conference (ESWC-11)
- The 14th International Conference on Extending Database Technology (EDBT-11)
- The 13th International Workshop on Non-Monotonic Reasoning (NMR-10) – Sub-workshop on Commonsense and NMR for Ontologies (NMRONTO-10)
- The 13th European Conference on Digital Libraries (ECDL-09)
- Distributed and Parallel Databases Journal – Special Issue on Provenance of Scientific Data
- The Journal of Web Semantics
- The 35th International Conference on Very Large Data Bases (VLDB-09)
- The 6th International Semantic Web Conference (ISWC-07)
- Expert Systems: The Journal of Knowledge Engineering
- Journal of Data and Knowledge Engineering (DKE)
- The 10th International Conference on Principles of Knowledge Representation and Reasoning (KR-06)
- The 19th National Conference on Artificial Intelligence (AAAI-04)

LIST OF PUBLICATIONS

Journal Publications

- [1] Giorgos Flouris, Dimitris Manakanatas, Haridimos Kondylakis, Dimitris Plexousakis, Grigoris Antoniou. Ontology Change: Classification and Survey. The Knowledge Engineering Review (KER), 23(2), pages 117-152, 2008.
- [2] Yannis Tzitzikas, Vassilis Christophides, Giorgos Flouris, Dimitris Kotzinos, Hannu Markkanen, Dimitris Plexousakis, Nicolas Spyrtos. Emergent Knowledge Artifacts for Supporting Trialogical E-Learning. International Journal of Web-Based Learning and Teaching Technologies (IJWLTT), 2(3), pages 16-38, 2007.
- [3] Giorgos Flouris. On Belief Change in Ontology Evolution. AI Communications Journal (AI-Com), 19(4), pages 395-397, PhD Thesis Summary, 2006.

Papers Submitted to Journals and Pending Journal Publications

- [1] Giorgos Flouris, George Konstantinidis, Grigoris Antoniou, Vassilis Christophides. Formal Foundations for RDF/S KB Evolution. International Journal on Knowledge and Information Systems (KAIS) – accepted with minor revisions.

- [2] Vicky Papavassileiou, Giorgos Flouris, Irini Fundulaki, Dimitris Kotzinos, Vassilis Christophides. High-Level Change Detection in RDF/S KBs. *ACM Transactions on Database Systems (TODS)* – accepted with major revisions.
- [3] Fouad Zablith, Grigoris Antoniou, Mathieu d’Aquin, Giorgos Flouris, Haridimos Kondylakis, Enrico Motta, Dimitris Plexousakis, Marta Sabou. *Ontology Evolution: A Process Centric Survey*. *The Knowledge Engineering Review (KER)* – under review.
- [4] Márcio M. Ribeiro, Renata Wassermann, Giorgos Flouris, Grigoris Antoniou. *Minimal Change: Relevance and Recovery Revisited*. *Artificial Intelligence (AI)* – under review.
- [5] Yannis Roussakis, Giorgos Flouris, Vassilis Christophides. *Preference-Based Repairing of RDF(S) DBs*. *The Proceedings of the VLDB Endowment (PVLDB)* – under review.

Peer-Reviewed Conference and Workshop Publications

- [1] Max Ostrowski, Giorgos Flouris, Torsten Schaub, Grigoris Antoniou. *Evolution of Ontologies using ASP*. In *Proceedings of the 27th International Conference on Logic Programming (ICLP-11)*, Technical Communications, 2011.
- [2] Yannis Roussakis, Giorgos Flouris, Vassilis Christophides. *Declarative Repairing Policies for Curated KBs*. In *Proceedings of the 10th Hellenic Data Management Symposium (HDMS-11)*, 2011.
- [3] Giorgos Flouris, Irini Fundulaki, Maria Michou, Grigoris Antoniou. *Controlling Access to RDF Graphs*. In *Proceedings of the 3rd Future Internet Symposium (FIS-10)*, 2010.
- [4] Giorgos Flouris, Irini Fundulaki, Maria Michou, Grigoris Antoniou. *Access Control for RDF: Experimental Results*. In the *Poster Session of the 3rd Future Internet Symposium (FIS-10)*, 2010.
- [5] Haridimos Kondylakis, Giorgos Flouris, Dimitris Plexousakis. *Ontology and Schema Evolution in Data Integration: Review and Assessment*. In *Proceedings of the 8th International Conference on Ontologies, DataBases, and Applications of Semantics (ODBASE-09)*, 2009.
- [6] Marcio Ribeiro, Renata Wassermann, Grigoris Antoniou, Giorgos Flouris, Jeff Pan. *Belief Contraction in Web-Ontology Languages*. In *Proceedings of the 3rd International Workshop on Ontology Dynamics (IWOD-09)*, Short Paper, 2009.
- [7] Giorgos Flouris, Irini Fundulaki, Panagiotis Padiaditis, Yannis Theoharis, Vassilis Christophides. *Coloring RDF Triples to Capture Provenance*. In *Proceedings of the 8th International Semantic Web Conference (ISWC-09)*, 2009.
- [8] Vicky Papavassiliou, Giorgos Flouris, Irini Fundulaki, Dimitris Kotzinos, Vassilis Christophides. *On Detecting High-Level Changes in RDF/S KBs*. In *Proceedings of the 8th International Semantic Web Conference (ISWC-09)*, 2009.
- [9] Giorgos Flouris, Irini Fundulaki, Panagiotis Padiaditis, Yannis Theoharis, Vassilis Christophides. *Capturing Provenance of RDF Triples through Colors*. In *Proceedings of the 8th Hellenic Data Management Symposium (HDMS-09)*, 2009.
- [10] Panagiotis Padiaditis, Giorgos Flouris, Irini Fundulaki, Vassilis Christophides. *On Explicit Provenance Management in RDF/S Graphs*. In *Proceedings of the 1st Workshop on the Theory and Practice of Provenance (TAPP-09)*, Short Paper, 2009.
- [11] George Konstantinidis, Giorgos Flouris, Grigoris Antoniou, Vassilis Christophides. *A Formal Approach for RDF/S Ontology Evolution*. In *Proceedings of the 18th European Conference on Artificial Intelligence (ECAI-08)*, pages 405-409, 2008.
- [12] George Konstantinidis, Giorgos Flouris, Grigoris Antoniou, Vassilis Christophides. *On RDF/S Ontology Evolution*. In the *post-proceedings of the Joint ODBIS & SWDB*

- Workshop on Semantic Web, Ontologies, Databases (SWDB-ODDIS-07), pages 21-42, 2008.
- [13] George Konstantinidis, Giorgos Flouris, Grigoris Antoniou, Vassilis Christophides. Ontology Evolution: A Framework and its Application to RDF. In Proceedings of the Joint ODDIS & SWDB Workshop on Semantic Web, Ontologies, Databases (SWDB-ODDIS-07), 2007.
 - [14] Giorgos Flouris, Carlo Meghini. Terminology and Wish List for a Formal Theory of Preservation. In Proceedings of PV-2007: Ensuring the Long-Term Preservation and Value Adding to Scientific and Technical Data (PV-07), 2007.
 - [15] Yannis Tzitzikas, Giorgos Flouris. Mind the (Intelligibility) Gap. In Proceedings of the 11th European Conference on Research and Advanced Technology for Digital Libraries (ECDL-07), pages 87-99, 2007.
 - [16] Giorgos Flouris, Carlo Meghini. Some Preliminary Ideas Towards a Theory of Digital Preservation. In Proceedings of the 1st International Workshop on Digital Libraries Foundations (DLF1-07), 2007.
 - [17] Giorgos Flouris. On the Evolution of Ontological Signatures. In Proceedings of the Workshop on Ontology Evolution (OnE-07), 2007.
 - [18] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. A Classification of Ontology Change. In the Poster Session of the 3rd Italian Semantic Web Workshop, Semantic Web Applications and Perspectives (SWAP-06), 2006.
 - [19] Yannis Tzitzikas, Vassilis Christophides, Giorgos Flouris, Dimitris Kotzinos, Hannu Markkanen, Dimitris Plexousakis, Nicolas Spyrtos. Emergent Knowledge Artifacts for Supporting Trialogical E-Learning. In Proceedings of the 1st International Workshop on Building Technology Enhanced Learning solutions for Communities of Practice (TELCOPs-06), 2006.
 - [20] Yannis Tzitzikas, Vassilis Christophides, Giorgos Flouris, Dimitris Kotzinos, Hannu Markkanen, Dimitris Plexousakis, Nicolas Spyrtos. Trialogical E-Learning and Emergent Knowledge Artifacts. In the Poster Session of the 1st European Conference on Technology Enhanced Learning (ECTEL-06), 2006.
 - [21] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. On Generalizing the AGM Postulates. In Proceedings of the 3rd European Starting AI Researcher Symposium (STAIRS-06), pages 132-143, 2006. *Best Paper Award*.
 - [22] Giorgos Flouris, Zhisheng Huang, Jeff Z. Pan, Dimitris Plexousakis, Holger Wache. Inconsistencies, Negations and Changes in Ontologies. In Proceedings of the 21st National Conference on Artificial Intelligence (AAAI-06), pages 1295-1300, 2006. A shorter version (extended abstract) of this paper appeared in Proceedings of the 19th Belgian-Dutch Conference on Artificial Intelligence (BNAIC-07), 2007.
 - [23] Giorgos Flouris, Dimitris Plexousakis. Bridging Ontology Evolution and Belief Change. Short Paper. In Proceedings of the 4th Hellenic Conference on Artificial Intelligence (SETN-06), pages 486-489, 2006.
 - [24] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. On Applying the AGM Theory to DLs and OWL. In Proceedings of the 4th International Semantic Web Conference (ISWC-05), pages 216-231, 2005.
 - [25] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. Ontology Evolution Using Belief Change and the AGM Theory. In the Poster Session of the 4th International Semantic Web Conference (ISWC-05), A0-sized poster, 2005.

- [26] Giorgos Flouris. Applying Belief Change to Ontology Evolution. In Proceedings of the 1st International Semantic Web Doctoral Symposium (ISWDS-05), Research Thesis Summary, pages 9-12, 2005.
- [27] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. Updating Description Logics Using the AGM Theory. In Proceedings of the 7th International Symposium on Logical Formalizations of Commonsense Reasoning (Commonsense-05), pages 69-76, 2005.
- [28] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. Updating DLs Using the AGM Theory: A Preliminary Study. In Proceedings of the Poster Session of the 2005 Description Logic Workshop (DL-05), 2005.
- [29] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. Generalizing the AGM Postulates: Preliminary Results and Applications. In Proceedings of the 10th International Workshop on Non-Monotonic Reasoning (NMR-04), pages 171-179, 2004.
- [30] Giorgos Flouris. Belief Change in Arbitrary Logics. In Proceedings of the 3rd Hellenic Data Management Symposium (HDMS-04), PhD Presentations Session, pages 217-219, 2004.
- [31] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. On a Unifying Framework for Comparing Knowledge Representation Schemes. In Proceedings of the 10th International Workshop on Knowledge Representation meets Databases (KRDB-03), 2003.
- [32] Giorgos Flouris, Dimitris Plexousakis. On the Use of Matrices for Belief Revision. In Y. Manolopoulos, S. Evripidou, A. Kakas (eds). Vol. 2563, Advances in Informatics, Post-proceedings of the 8th Panhellenic Conference in Informatics (selected papers), Springer-Verlag, pages 100-117, 2003.
- [33] Giorgos Flouris, Dimitris Plexousakis. Belief Revision in Propositional Knowledge Bases. In Proceedings of the 8th Panhellenic Conference on Informatics (PCI-01), pages 412-421, 2001.

Papers Submitted to Peer-Reviewed Conferences and Workshops

- [1] Ilias Tachmazidis, Grigoris Antoniou, Giorgos Flouris, Spyros Kotoulas. Towards Parallel Nonmonotonic Reasoning with Billions of Facts. Submitted to the 13th International Conference on Principles of Knowledge Representation and Reasoning (KR-12) – under review.
- [2] Christos Strubulis, Yannis Tzitzikas, Martin Doerr, Giorgos Flouris. Provenance-based Inference Rules: Motivation, Examples, and Knowledge Evolution Requirements. Submitted to the 9th Extended Semantic Web Conference (ESWC-12) – under review.
- [3] Vassilis Papakonstantinou, Maria Michou, Irimi Fundulaki, Giorgos Flouris, Grigoris Antoniou. Access Control for RDF graphs using Abstract Models. Submitted to the 17th ACM Symposium on Access Control Models and Technologies (SACMAT 2012) – under review.

Book Chapters

- [1] Dimitris Kotzinos, Giorgos Flouris, Yannis Tzitzikas, Dimitris Andreou, Vassilis Christophides. Supporting Evolution of Knowledge Artifacts in Web Based Learning Environments. In Nikos Karacapilidis (editor), Solutions and Innovations in Web-Based Technologies for Augmented Learning: Improved Platforms, Tools, and Applications. Chapter IX, pages 142-167, 2009.

Pending Book Chapters

- [1] Christoph Richter, Heidrun Allert, Vassilij Tchoumatchenko, Ivan Furnadziev, Tania Vasileva, Dimitris Kotzinos, Giorgos Flouris, Vassilis Christophides, Juha Löytöläinen. A Pragmatic Approach to Collaborative Semantic Modelling: The Visual Modelling (Language) Editor. To appear in Collaborative Knowledge Creation: Practices, Tools, Concepts, by Anne Moen, Anders Mørch, Sami Paavola (eds), Sense Publishers. In Press.

Edited Books, Journal Issues and Proceedings

- [1] Giorgos Flouris, Guilin Qi (editors). Proceedings of the 4th International Workshop on Ontology Dynamics (IWOD-10). 2010.
- [2] Giorgos Flouris, Mathieu d'Aquin, Grigoris Antoniou, Jeff Pan, Dimitris Plexousakis (editors). Recent Advances in Ontology Dynamics. Journal of Logic and Computation (JLC), Special Issue, 19(5), 2009.
- [3] Dimitris Plexousakis, Jeff Pan, Giorgos Flouris, Mathieu d'Aquin, Grigoris Antoniou (editors). Proceedings of the 2nd International Workshop on Ontology Dynamics (IWOD-08). 2008.
- [4] Giorgos Flouris, Mathieu d'Aquin (editors). Proceedings of the International Workshop on Ontology Dynamics (IWOD-07). 2007.

Invited Talks and Publications

- [1] Giorgos Flouris. High-Level Change Detection in the Semantic Web. Invited talk for the 10th anniversary of the W3C Greece Office, 2009.
- [2] Giorgos Flouris, George Konstantinidis. Formalizing the Evolution Process. In BOEMIE 2008 Workshop on Ontology Evolution and Multimedia Information Extraction (BOEMIE-08), Invited Talk, 2008.
- [3] Giorgos Flouris, Carlo Meghini. Steps Towards a Theory of Information Preservation. In International Workshop on Database Preservation (PresDB-07), Invited Talk, 2007.
- [4] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. Evolving Ontology Evolution. In Proceedings of the 32nd International Conference on Current Trends in Theory and Practice of Computer Science (SOFSEM-06), Invited Talk, pages 14-29, 2006.

Technical Reports

- [1] Max Ostrowski, Giorgos Flouris, Torsten Schaub, Grigoris Antoniou. Evolution of Ontologies using ASP. Technical Report FORTH-ICS/TR-415, May 2011.
- [2] Giorgos Flouris, Irimi Fundulaki, Maria Michou, Grigoris Antoniou. Controlling Access to RDF Graphs. Technical Report FORTH-ICS/TR-405, May 2010.
- [3] Vicky Papavassiliou, Giorgos Flouris, Irimi Fundulaki, Dimitris Kotzinos, Vassilis Christophides. Formalizing High-Level Change Detection for RDF/S KBs. Technical Report FORTH-ICS/TR-398, August 2009.
- [4] Fabio Nanni, Giorgos Flouris. Issues Related to a Soft Transition of Existing Archives to a Preservation Environment. Technical Report FORTH-ICS/TR-395, October 2008.
- [5] Giorgos Flouris, Dimitris Plexousakis. Handling Ontology Change: Survey and Proposal for a Future Research Direction. Technical Report FORTH-ICS/TR-362, September 2005.
- [6] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. AGM Postulates in Arbitrary Logics: Initial Results and Applications. Technical Report FORTH-ICS/TR-336, April 2004.

- [7] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. Describing Knowledge Representation Schemes: a Formal Account. Technical Report FORTH-ICS/TR-320, April 2003.
- [8] Giorgos Flouris, Dimitris Plexousakis. Belief Revision Using Table Transformation. Technical Report FORTH-ICS/TR-290, July 2001.

Theses

- [1] Giorgos Flouris. On Belief Change and Ontology Evolution. Doctoral Dissertation, Department of Computer Science, University of Crete, February 2006.
- [2] Giorgos Flouris. Belief Revision in Knowledge Bases. Master of Science Thesis, Department of Computer Science, University of Crete; also available as Technical Report FORTH-ICS/TR-292, October 2001 (in Greek).